

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicants:	§	
Enrique Saldivar Guerra	§	
Alfonso González Montiel	§	
	§	
Filed:	§	Art Unit:
	§	
Serial No.:	§	Examiner:
	§	
For: BLOCK COPOLYMERS	§	
CONTAINING FUNCTIONAL	§	Docket No. GIR500/4-1US
GROUPS	§	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

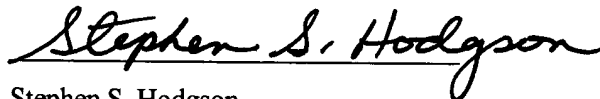
Dear Sir:

Pursuant to Applicants' duty, under 37 C.F.R. § 1.56, 1.97 and 1.98, to disclose all relevant material, the Applicants list on a concurrently filed Form PTO-1449 references that may be relevant to the subject matter of the above-identified application, which is filed concurrently herewith. Copies of the references cited in Form PTO-1449 are enclosed. The fee specified by 37 C.F.R. § 1.17(p), as required by 37 C.F.R. § 1.97(c), can be charged to our Deposit Account No. 22-0365 Attn: GIR500/4-1US (as authorized in the fee transmittal sheet also enclosed).

Respectfully submitted,

Date:

July 16, 2003



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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 4

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Enrique Saldivar Guerra
Art Unit	
Examiner Name	
Attorney Docket Number	GIR500/4-1US

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,953,404	04/27/1976	Borman	
		US- 4,217,438	08/12/1980	Brunelle et al.	
		US- 4,315,086	02/09/1982	Ueno et al.	
		US- 4,328,327	05/04/1982	Tanaka et al.	
		US- 4,581,429	04/08/1986	Solomon et al.	
		US- 4,600,741	07/15/1986	Aycock et al.	
		US- 4,605,731	08/12/1986	Evans et al.	
		US- 4,644,053	02/17/1987	Brunelle et al.	
		US- 4,732,937	03/22/1988	Sybert	
		US- 4,748,203	05/31/1988	Van Abeelen et al.	
		US- 4,844,163	07/04/1989	Hazlett et al.	
		US- 5,141,984	08/25/1992	Orikasa et al.	
		US- 5,204,394	04/20/1993	Gosens et al.	
		US- 5,231,146	07/27/1993	Brown et al.	
		US- 5,274,034	12/28/1993	Morgan et al.	
		US- 5,290,863	03/01/1994	Brown et al.	
		US- 5,326,813	07/05/1994	Okada et al.	
		US- 5,401,804	03/28/1995	Georges et al.	
		US- 5,449,724	09/12/1995	Moffat et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 0 027 274	08/15/1984	Tanaka, Atsushi		
		WO 99/47575	09/23/1999	Vertommen, Luc		

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Sheet

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First Named Inventor

Enrique Saldivar Guerra

Art Unit

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		Application Number			
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		First Named Inventor	Enrique Saldivar Guerra		
		Art Unit			
		Examiner Name			
Sheet	3	of	4	Attorney Docket Number	GIR500/4-1US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BELL et al., The miscibility of copolymer blends involving the monomers itaconic anhydride, methyl methacrylate, styrene and acrylonitrile, Polymer, 1994, pgs. 786-790, V. 35 No. 4, Butterworth-Heinemann Ltd.	
		BENOIT et al., Development of a Universal Alkoxyamine for "Living" Free Radical Polymerizations, Journal of the American Chemical Society, 1999, pgs. 3904-3920, V. 121 No. 16, American Chemical Society.	
		BENOIT et al., One-Step Formation of Functionalized Block Copolymers, Macromolecules, 2000, pgs. 1505-1507, V. 33 No. 5, American Chemical Society.	
		CHIANG et al., Polymer Blends of Polyamide-6 and Poly (phenylene oxide) Compatibilized by Styrene-co-Glycidyl Methacrylate, Journal of Applied Polymer Science, 1996, pgs. 2411-2421, V. 61, John Wiley & Sons, Inc.	
		GAN et al., Phase Behavior of Blends of Styrene/Maleic Anhydride Copolymers, Journal of Applied Polymer Science, 1994, pgs. 317-331, V. 54, John Wiley & Sons, Inc.	
		HARTH et al., Chain End Functionalization in Nitroxide-Mediated "Living" Free Radical Polymerizations, Macromolecules, 2001, pgs. 3856-3862, V. 34 No. 12, American Chemical Society.	
		KOULOURI et al., Terminal Anhydride Functionalized Polystyrene by Atom Transfer Radical Polymerization Used for the Compatibilization of Nylon 6/PS Blends, Macromolecules, 1999, pgs. 6242-6248, V. 32 No. 19, American Chemical Society.	
		MERFELD et al., Binary interaction parameters from blends of SMA copolymers with TMPC-PC copolycarbonates, Polymer, 1998, pgs. 1999-2009, V. 39 No. 10, Elsevier Science Ltd., Great Britain.	
		PARK et al., Terminal Anhydride Functionalization of Polystyrene, Journal of Polymer Science, Polymer Chemistry, 1991, pgs. 1329-1338, V. 29, John Wiley & Sons, Inc.	
		PARK et al., Living Radical Copolymerization of Styrene/Maleic Anhydride, Journal of Polymer Science Part A-Polymer Chemistry, 2000, pgs. 2239-2244, V. 38, John Wiley & Sons, Inc.	

Examiner Signature		Date Considered	
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First Named Inventor

Enrique Saldivar Guerra

Art Unit

Examiner Name

Sheet

4

of

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Attorney Docket Number

GIR500/4-1US

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		YAO et al., Continuous Thermal Bulk Copolymerization of Styrene and Maleic Anhydride, Journal of Applied Polymer Science, 1999, pgs. 615-622, V. 73, John Wiley & Sons, Inc.	
		MOAD et al., The Chemistry of Free Radical Polymerization, 1995, pgs. 277-283, Pergamon.	
		1 page Patent Abstract of Japanese Patent No. 57-074313 published 05/10/1982.	
		CUATEPOTZO et al., New Controllers for Nitroxide mediated polymerization. A study of electronic effects and of the [nitroxide]/[initiator] ratio on the polymerization control, Submitted for publication to Journal of Polymer Science, 2003 (pending), pgs. 1-23.	
		SALDIVAR and GONZALEZ et al., Synthesis of Novel Copolymers Via Controlled Radical Polymerization (CRP), Slides from Presentation at Second Conference for The Commercialization of Controlled Polymer Synthesis, Dec. 4-5, 2000, 29 pgs., The Knowledge Foundation, Cambridge, USA.	

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Signature**Date
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